



# CRACKING CONTRAPTIONS!



Dear Parents & Carers,

Our topic this half term is 'Eureka!' and is based on inventions and discoveries that impact our everyday lives. Provided below is an outline of what the children will be learning in some key subjects. I hope you find it useful when supporting your child with their learning.

Mr Stamp & Mrs Phelps ☺

**Maths**

This half term we will be reminding ourselves of and building upon our knowledge of fractions. Your child will be adding, subtracting, dividing and multiplying fractions.

**How can you help?**

Please encourage your children to share with you, what they have been learning. If you are unsure of the correct approach to a calculation, there are links on the school website to Thorney's approach.

Please help with the 'Minute Games' (1 minute a day to test). Knowing mental maths facts can make a huge difference! Multiplication and division facts will really help with our fraction work.

*You may find these websites useful.*

<http://www.mymaths.co.uk/> ( login and password provided)

<http://www.coolmath-games.com/>

<http://mathszone.co.uk/>

**English**

*This half term we will be writing an explanation text and some narrative poetry. For our poetry, we will be using 'The Highwayman' by Alfred Noyes as inspiration.*

*We will also be writing letters around the theme of saving the planet and appreciating the environment.*

**How can you help?**

Please continue to encourage your child to read their own choice of books; hearing them read and talking about what they are reading. Don't forget to sign the reading journal to get those certificates!

Spellings should be practiced daily and will be tested every Friday.

**Computing**

In our computing lessons this half term we will be building programmable robots and use our coding skills to program them to achieve a variety of tasks. As well as this we will explore the ways that robots impact on our everyday lives.



**Science & DT**

We will be designing and building our own vehicles in our DT lessons and using skills from our science lessons to build circuits to power them. Later in the half term we will be designing and building our very own light up Christmas decorations!



**Homework**

A big thank you for the incredible effort that was put into your homework last half term. I was wonderful to see. Homework this half term, will again, be sent home as a homework choice menu for you to complete.

**And a whole lot more!**

We will also be learning how to read maps, learn about how Christmas is celebrated in different cultures and be working on our sketching skills in art lessons.

